

Quick Tips for Heart Device Patients



(Implanted pacemakers, defibrillators, or CRT devices)



Your heart device is intended to provide peace of mind and a better quality of life. Have you taken a moment to consider its on-going management?



The battery will typically require replacement every **6-12 years**, and the leads, or wires that connect the battery to your heart, may also require replacement.

What to look out for

Some of the signs and symptoms that you should bring up with your doctor include:

- Signs of infection (see list to the right)
- Feeling dizzy, faint, lightheaded, a loss of consciousness, experiencing new or worsening shortness of breath, irregular heartbeat, palpitations and/or frequent hiccups
- Audible sound and/or vibration from the device
- Constant muscle twitching and/or inappropriate shocks
- Change in clinical needs (adding/modifying pacing or defibrillation)

If new leads are needed, what happens to the old ones?

Unless an infection is present, you and your physician may discuss the option of leaving an old lead in your body (called lead abandonment) or the option of removing the lead (called lead extraction). In the event of an infection, complete system removal is recommended (including the leads), as the benefits strongly outweigh the risks.¹

You have options!

It is important to know your alternatives. If additional leads are added without removing the old ones, the procedural risks of a lead extraction are avoided, but the old leads can increase the risk of potential future complications:

- + Higher risk of future device infection²
- + More complex future lead extraction (removal)³
- + Higher risk of occlusion (clotting or narrowing of the vein) or potential damage to heart structures⁴
- + May complicate or prevent you from getting an MRI⁵

Alternatively, lead extraction is generally a very safe procedure. However, as with any invasive procedure, there are risks. Several large studies show clinical success rates around 98%.⁷⁻⁹ The risk of internal bleeding, a tear in a vein or heart, or death is less than 0.5%. Treatment decisions should be based on consultation with your physician.

Learn more today

Empower yourself when it comes to living with a heart device. Learn more about how to make smart decisions about your device and lead care at UpBeat.org/CIED-Management



You may feel...

- Fever
- Sweating
- Chills
- Fatigue
- Nausea

You may see...

- Redness of the skin
- Pain or tenderness
- Swelling
- Warmth or "hot" feeling
- Blood, pus, or other drainage
- Skin ulcers
- Erosion of the device through the skin

Q. Can my doctor perform a lead extraction?

A. Possibly.

To find a physician that specializes in lead extraction, go to UpBeat.org/Find-a-Specialist and select "lead extraction" as a specialty in the search criteria.



Tip

When your physician discusses a change to the battery of your heart device, ask about the status of your leads.



From the bottom of our hearts to yours

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